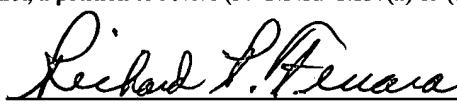


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 09546-023US1/55530 US SB/MW
INTERNATIONAL APPLICATION NO. PCT/SE2003/001405	INTERNATIONAL FILING DATE 10 September 2003	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 101527177
TITLE OF INVENTION A Plate Heat Exchanger		PRIORITY DATE CLAIMED 10 September 2002
APPLICANT(S) FOR DO/EO/US Jan Gronwall		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. § 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. § 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input type="checkbox"/> The US has been elected (Article 31). <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. § 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. § 154(d)(4). <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)). <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)). <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included: <ol style="list-style-type: none"> <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. § 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. § 3.28 and 3.31 is included. <input checked="" type="checkbox"/> A preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A power of attorney and/or change of address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. § 1.821 - 1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. § 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. § 154(d)(4). <input checked="" type="checkbox"/> Other items or information: Int'l Search Report; Form PCT/IB/332; Form PCT/IPEA/409; Cover Sheet WO 2004/025205 		
CERTIFICATE OF MAILING BY EXPRESS MAIL Express Mail Label No. ET322637353US Date of Deposit: March 7, 2005		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 107527177	INTERNATIONAL APPLICATION NO. PCT/SE2003/001405	ATTORNEY'S DOCKET NUMBER 09546-023US1	
21. The following fees are submitted:			
<input checked="" type="checkbox"/> a) Basic national fee.....	\$300	\$300.00	
<input checked="" type="checkbox"/> b) Examination fee.....	\$200	\$200.00	
<input checked="" type="checkbox"/> c) Search fee	\$500	\$500.00	
TOTAL OF ABOVE CALCULATIONS =			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
-100 =	/50=		X \$250
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).			\$
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	22 - 20 =	2	x \$50
Independent Claims	3 - 3 =		x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360
TOTAL OF ABOVE CALCULATIONS =			\$1,100.00
<input type="checkbox"/> Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated above are reduced by 1/2.			\$0.00
			SUBTOTAL =
Processing fee of \$130 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f))			+ \$0.00
			TOTAL NATIONAL FEE =
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property			+ \$0.00
			TOTAL FEES ENCLOSED =
			\$1,100.00
			Amount to be refunded:
			Amount to be charged:
			\$
a. <input checked="" type="checkbox"/> A check in the amount of \$1,100.00 to cover the above fees is enclosed.			
b. <input type="checkbox"/> Please charge my Deposit Account No. 06-1050 in the amount of \$0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1050. A duplicate copy of this sheet is enclosed.			
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
NOTE: Where an appropriate time limit under 37 C.F.R. 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the International Application to pending status.			
SEND ALL CORRESPONDENCE TO:			
 SIGNATURE			
PTO Customer No:	26211	Richard P. Ferrara	
		NAME	
		30,632	
		REGISTRATION NUMBER	